

Substitute for form 1449B/PTO				<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	
				Filing Date	
				First Named Inventor	Ghoshal
				Group Art Unit	
				Examiner Name	
Sheet	1	of	1	Attorney Docket No	NNC-005

US PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

EXAMINERS SIGNATURE	/Jeffrey Barton/	DATE CONSIDERED	12/17/2007
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PTO SB/08A (Substitute for form 1449/PTO)		Attorney Docket No.: 089-0005
		Application No.: 10/756,603
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		First Named Inventor: Uttam Ghoshal
		Filing Date: January 13, 2004
		Group Art Unit: 1753
		Examiner Name: Alan D. Diamond
Sheet 1 of 34 93 FEB 03 2005		Date Submitted: February 1, 2005



U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ³ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/JB/		US-4,688,147	08-18-1987	Ono	
		US-5,184,211	02-02-1993	Fox	
		US-5,640,046	06-17-1997	Suzuki et al.	
		US-5,867,990	02-09-1999	Ghoshal	
		US-5,943,211	04-24-1999	Havey	
		US-6,000,225	12-14-1999	Ghoshal	
		US-6,021,844	02-08-2000	Batchelder	
		US-6,065,293	05-23-2000	Ghoshal	
		US-6,105,381	08-22-2000	Ghoshal	
		US-6,119,463	09-19-2000	Bell	
		US-6,161,388	12-19-2000	Ghoshal	
		US-6,175,495	01-16-2001	Batchelder	
		US-6,222,113	04-24-2001	Ghoshal	
		US-6,223,539	05-01-2001	Bell	
/JB/		US-6,256,996	07-10-2001	Ghoshal	
FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
/JB/		JP360004244A	01-10-1985	Ashiwaki et al.	
Examiner Signature	/Jeffrey Barton/			Date Considered	12/17/2007

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² See Kinda Codes of USPTO Patent Documents at www.uspto.gov or XPEP 901.04.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

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⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.

PTO/SB/08A (Substitute for form 1449/PTO)		Attorney Docket No.: 089-0005
		Application No.: 10/756,603
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		First Named Inventor: Uttam Ghoshal
(Continuation Sheet)		Filing Date: January 13, 2004
		Group Art Unit: 1753
		Examiner Name: Alan D. Diamond
Sheet 2 of 4 GB		Date Submitted: February 1, 2005

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ³ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
/JB/		US-6,266,962	07-31-2001	Ghoshal		
		US-6,282,907	09-04-2001	Ghoshal		
		US-6,300,150	10-09-2001	Venkatasubramanian		
		US-6,338,251	01-15-2002	Ghoshal		
		US-6,384,312	05-07-2002	Ghoshal		
		US-6,388,185	05-14-2002	Fleurial et al.		
		US-6,474,074	05-30-2002	Ghoshal		
		US-6,452,740	09-17-2002	Ghoshal		
		US-6,494,048	12-17-2002	Ghoshal et al.		
		US-2003/0005706 A1	01-09-2003	Bell		
		US-6,505,468	01-14-2003	Venkatasubramanian		
		US-2003/0079770 A1	05-01-2003	Bell		
		US-6,588,217	07-08-2003	Ghoshal		
		US-6,597,544	07-22-2003	Ghoshal		
		US-6,598,403	07-29-2003	Ghoshal		
/JB/		US-6,598,405	07-29-2003	Bell		
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
Examiner Signature	/Jeffrey Barton/			Date Considered	12/17/2007	

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Sheet 3 of 4 <i>jb</i>		Date Submitted: February 1, 2005

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/JB/		US-6,606,866	08-19-2003	Bell	
		US-6,608,250	08-19-2003	Ghoshal	
		US-6,613,602	09-02-2003	Cooper et al.	
		US-6,614,109	09-02-2003	Cordes et al.	
		US-6,625,990	09-30-2003	Bell	
		US-6,637,210 B2	10-28-2003	Bell	
		US-6,658,861	12-09-2003	Ghoshal et al.	
		US-6,672,076	01-06-2004	Bell	
		US-2004/0020217 A1	02-05-2004	Bell	
		US-2004/0031514 A1	02-19-2004	Bell	
		US-6,700,052 B2	03-02-2004	Bell	
		US-6,708,501	03-23-2004	Ghoshal et al.	
		US-6,712,258	03-30-2004	Ghoshal	
		US-6,722,140	04-20-2004	Venkatasubramanian	
/JB/		US-6,740,600	05-25-2004	Ghoshal et al.	

FOREIGN PATENT DOCUMENTS

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Examiner Signature	/Jeffrey Barton/	Date Considered	12/17/2007
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PTO/SB/08B (Substitute for form 1449/PTO)		Attorney Docket No.: 089-0005
		Application No.: 10/756,603
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use several sheets if necessary)</i>		First Named Inventor: Uttam Ghoshal
		Filing Date: January 13, 2004
		Group Art Unit: 1753
		Examiner Name: Alan D. Diamond
<i>CP E FEB 13 2005 Sheet 4 of 4 93</i>		Date Submitted: February 1, 2005
NON PATENT LITERATURE DOCUMENTS		
Examiner Initial*	Cite No. ¹	TRADEMARKS Include name of author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
/JB/		D.M. ROWE (ed.), <i>CRC Handbook of Thermoelectrics</i> , CRC Press (New York), 1995, pp. 479-488.
		V. ZAKORDONETS and G. LOGINOV, "Thermoelectric figure of merit of monopolar semiconductors with finite dimensions," <i>Semiconductors</i> , vol. 31, pp. 265-267, March 1997.
		B. K. RIDLEY, <i>Electrons and Phonons in Semiconductor Multi-layers</i> , Cambridge University Press (New York), 1997, Ch. 11.7.
		A. BEJAN (ed.), <i>Advanced Engineering Thermodynamics</i> , 2nd Edition, John Wiley & Sons, Inc. (New York), 1997, pp. 675-682.
		M. BARTKOWIAK and G. MAHAN, "Boundary Effects in Thin Film Thermoelectrics," Materials Research Society Symposium Proceedings, vol. 545, p. 265-273, 1999.
		Tellurex Corporation, "Frequently Asked Questions," http://www.tellurex.com , © 2002, printed Dec. 1, 2004.
/JB/		Tellurex Corporation, "Frequently Asked Questions about Thermoelectric Power Generation," http://www.tellurex.com , © 2003, printed Dec. 1, 2004.
Examiner Signature	/Jeffrey Barton/	Date Considered
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				Application No.: 10/756,603	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT Sheet 1 of 2 93				First Named Inventor: Uttam Ghoshal	
(Use several sheets if necessary)				Filing Date: January 13, 2004	
				Group Art Unit: 1753	
				Examiner Name: Alan D. Diamond	
				Date Submitted: March 9, 2005	
U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/JB/	AA	US-3,939,706	02-24-1976	Pinson	
	AB	US-4,036,665	07-19-1977	Barr et al.	
	AC	US-4,072,864	02-07-1978	von Gutfeld	
	AD	US-4,283,113	08-11-1981	Eden	
	AE	US-4,665,276	05-12-1987	Elbel et al.	
	AF	US-4,714,798	12-22-1987	Novak et al.	
	AG	US-4,766,008	08-23-1988	Kodato	
	AH	US-4,820,596	04-11-1989	Williams et al.	
	AI	US-4,835,059	05-30-1989	Kodato	
	AJ	US-4,963,195	10-16-1990	Kodato et al.	
	AK	US-6,505,468 B2	01-14-2003	Venkatasubramanian	
	AL	US-6,539,725 B2	04-01-2003	Bell	
	AM	US-6,662,570 B2	12-16-2003	Venkatasubramanian	
	AN	US-6,772,140 B2	04-20-2004	Venkatasubramanian	
/JB/	AO	US 2002/0139123 A1	10-03-2002	Bell	
FOREIGN PATENT DOCUMENTS					
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Examiner Signature	/Jeffrey Barton/			Date Considered	12/17/2007

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⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

⁶ Applicant is to place a check mark here if English language Translation is attached.

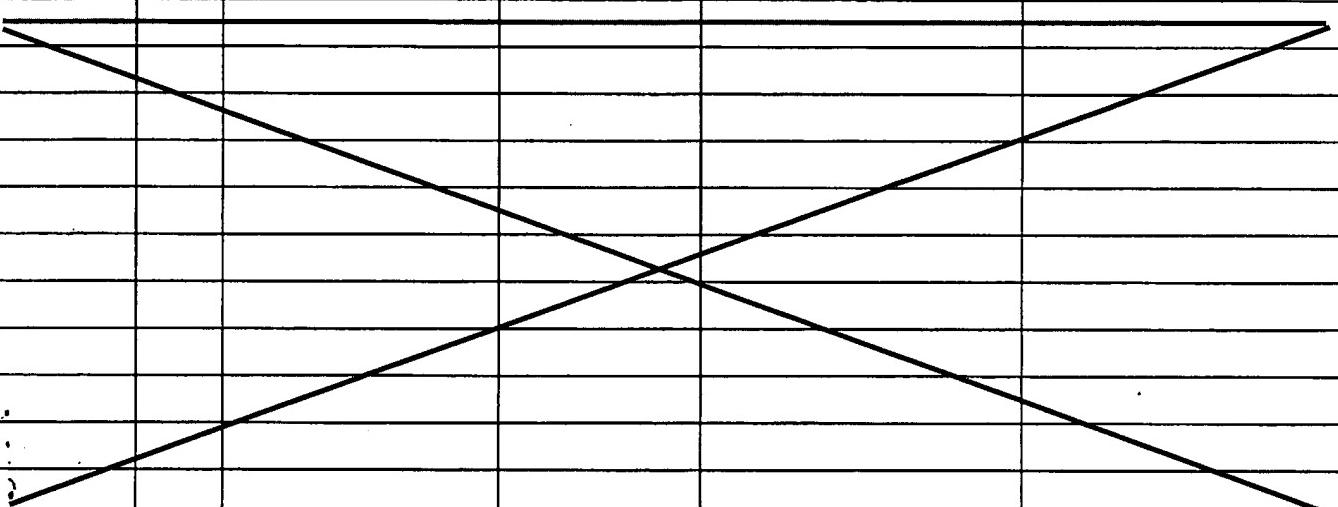
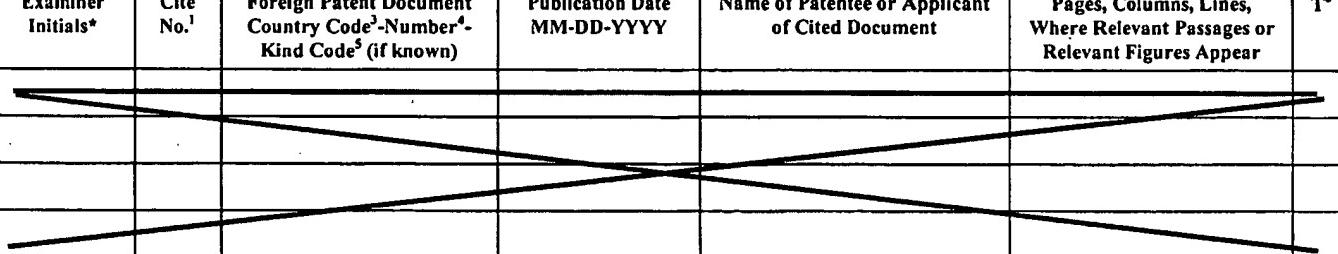
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		First Named Inventor: Uttam Ghoshal
		Filing Date: January 13, 2004
		Group Art Unit: 1753
		Examiner Name: Alan D. Diamond
Sheet 1 of 1		Date Submitted: May 25, 2005

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/JB/	AA	3,900,603	08-19-1975	Rittmayer et al.	
/JB/	AB	US 2003/0113950 A1	06-19-2003	Cooper et al.	
					
FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
					
Examiner Signature		/Jeffrey Barton/		Date Considered	12/17/2007

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PTO/SB/08A (Substitute for form 1449/PTO)	Attorney Docket No.: 089-0005
	Application No.: 10/756,603
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	First Named Inventor: <i>Uttam Ghoshal</i>
<i>JUL 01 2005</i> <i>PTO-1449 (07-04)</i>	Filing Date: <i>January 13, 2004</i>
<i>JUL 01 2005</i> <i>PTO-1449 (07-04)</i>	Group Art Unit: <i>1753</i>
<i>JUL 01 2005</i> <i>PTO-1449 (07-04)</i>	Examiner Name: <i>Alan D. Diamond</i>
Sheet 1 of 2 393	Date Submitted: <i>June 27, 2005</i>

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/JB/	AA	3,221,508	12-07-1965	Roes et al.	
	AB	3,337,309	08-22-1967	Lewis et al.	
	AC	4,065,936	01-03-1978	Fenton et al.	
	AD	5,966,941	10-19-1999	Ghoshal	
	AE	6,034,408	03-07-2000	Ghoshal	
	AF	6,146,103	11-14-2000	Lee et al.	
	AG	6,204,165 B1	03-20-2001	Ghoshal	
	AH	6,403,876 B1	06-11-2002	Ghoshal et al.	
	AI	6,430,936 B1	08-13-2002	Ghoshal	
	AJ	6,446,443 B1	09-10-2002	Ghoshal	
	AK	6,467,275 B1	10-22-2002	Ghoshal	
	AL	6,467,951 B1	10-22-2002	Ghoshal	
	AM	6,487,515 B1	11-26-2002	Ghoshal	
/JB/	AN	US 2002/0062648 A1	05-30-2002	Ghoshal	

FOREIGN PATENT DOCUMENTS

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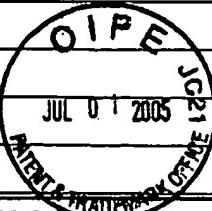
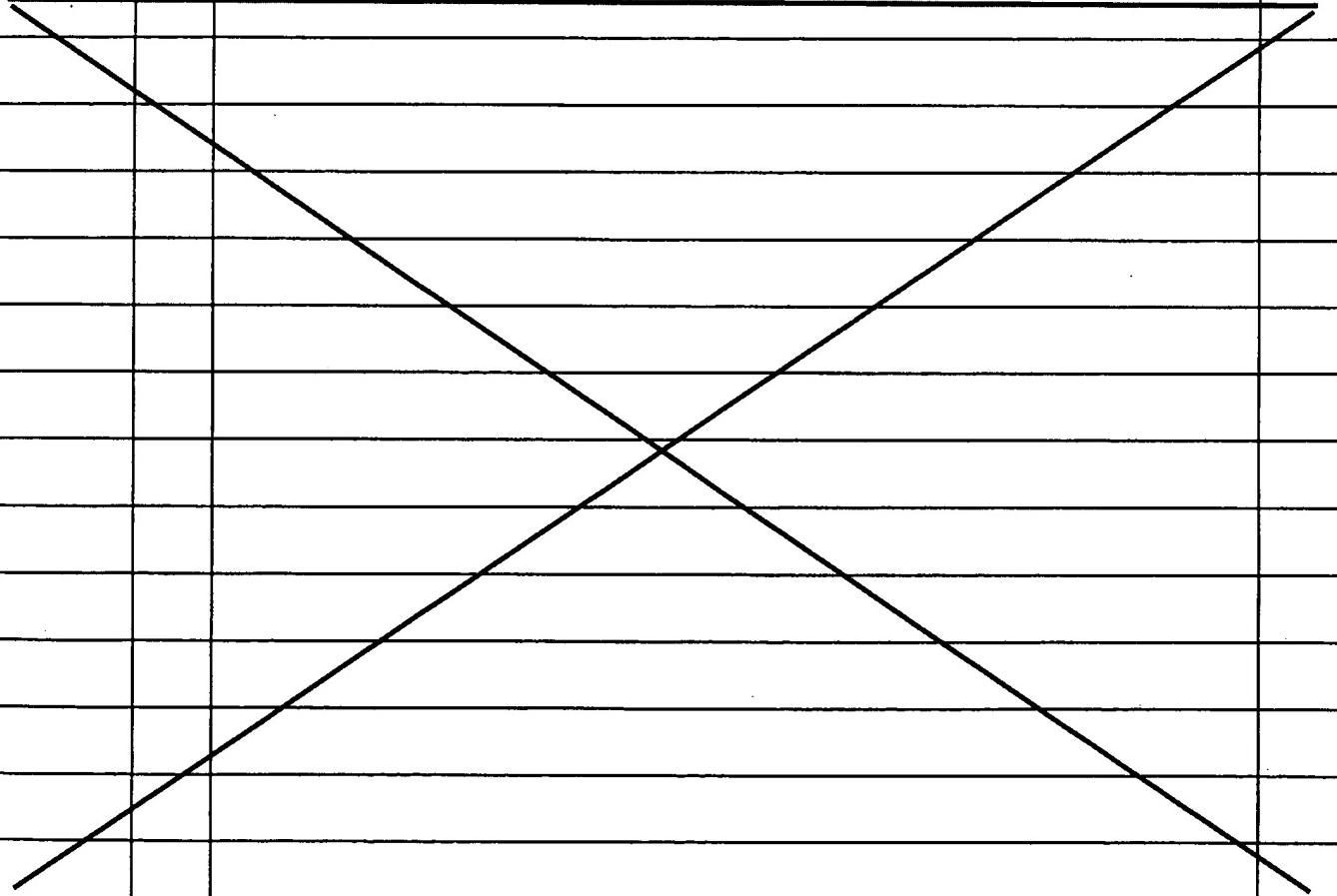
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		First Named Inventor: Uttam Ghoshal
(Continuation Sheet)		Filing Date: January 13, 2004
		Group Art Unit: 1753
		Examiner Name: Alan D. Diamond
Sheet 2 of 3 QB		Date Submitted: June 27, 2005

U.S. PATENT DOCUMENTS

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/JB/	AO	US 2002/0071222 A1	06-13-2002	Ghoshal	
	AP	US 2002/0071223 A1	06-13-2002	Ghoshal	
	AQ	US 2002/0092307 A1	07-18-2002	Ghoshal	
	AR	US 2002/0092557 A1	07-18-2002	Ghoshal	
	AS	US 2002/0113289 A1	08-22-2002	Cordes et al.	
	AT	US 2002/0160563 A1	10-31-2002	Ghoshal	
	AU	US 2002/0166839 A1	11-14-2002	Ghoshal et al.	
	AV	US 2003/0099279 A1	05-29-2003	Venkatasubramanian et al.	
	AW	US 2003/0111516 A1	06-19-2003	Ghoshal	
	AX	US 2004/0018729 A1	01-29-2004	Ghoshal et al.	
	AY	US 2004/0234379	11-25-2004	Miner et al.	
/JB/	AZ	US 2004/0234392	11-25-2004	Ghoshal et al.	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		First Named Inventor: Uttam Ghoshal	
 Sheet 1 of 3 of 3		Filing Date: January 13, 2004	
		Group Art Unit: 1753	
		Examiner Name: Alan D. Diamond	
		Date Submitted: June 27, 2005	
NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
/JB/	AA	S. TADA, R. ECHIGO, H. YOSHIDA, "A New Concept of Porous Thermoelectric Module Using a Reciprocating Flow for Cooling / Heating System," 16th International Conference on Thermoelectrics, IEEE, Dresden, DE, pp. 664-667, August 1997.	
/JB/	AB	A. MINER and U. GHOSHAL, "Cooling of high-power-density microdevices using liquid metal coolants," Appl. Phys. Letters, vol. 85, no. 3, pp. 506-508, July 19, 2004.	
			
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	Filing Date		2004-01-13	
	First Named Inventor		Ghoshal	
	Art Unit		1753	
	Examiner Name		Jeffrey Thomas Barton	
	Attorney Docket Number		089-0005	

U.S.PATENTS						
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
/JB/	1	3071495		1963-01-01	Hanlein	
/JB/	2	6043423		2000-03-28	Satomura et al.	
/JB/	3	6100463		2000-08-08	Ladd et al.	
/JB/	4	6278174	B1	2001-08-21	Havemann et al.	

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U.S.PATENT APPLICATION PUBLICATIONS

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
/JB/	1	20020185169	A1	2002-12-12	Hamamoto et al.	

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	First Named Inventor	Ghoshal
	Art Unit	1753
	Examiner Name	Jeffrey Thomas Barton
	Attorney Docket Number	089-0005

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	Art Unit		1753	
	Examiner Name		Jeffrey Thomas Barton	
	Attorney Docket Number		089-0005	

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Application Number	10756603
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Art Unit	1753
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